A.D. 1865, 11*th* APRIL. N° 1027.

Storing Petroleum, &c.

(*This Invention received Provisional Protection only.*)

PROVISIONAL SPECIFICATION left by Richard Archibald Brooman at the Office of the Commissioners of Patents, with his Petition, on the 11th April 1865.—A communication from abroad by Felix Bizard and Pierre Labarre, of Marseilles, France.

I, RICHARD ARCHIBALD BROOMAN, of 166, Fleet Street, in the City of London, Patent Agent, do hereby declare the nature of the said Invention for "IMPROVEMENTS IN APPARATUS FOR STORING PETROLEUM AND OTHER INFLAMMABLE LIQUIDS OF LESS SPECIFIC GRAVITY THAN WATER," to be as follows:—

This apparatus consists of a well or tank of metal or masonry in which is placed a metal holder similar to a gasholder, and with space between its sides and the outer tank; the holder is open at bottom and is secured by flanges and bolts from rising. A dome rises from the centre of the cover of the holder, and the top of the dome is provided with a manhole. A tube carrying a float is carried down through the cover of the holder, and at a level above the cover of the holder there is a water outlet provided with a tap. The petroleum is admitted into the holder through a pipe entering the upper part of the dome on the cover; outlet takes place through another pipe furnished with a tap and connected to the lower part of the dome. There is a channel at the bottom of the tank for receiving all matters deposited and for allowing a person to enter the holder to clean the inside when the tank and holder are empty. Water fills the tank and the holder; then, to charge the holder, remove the cover from the float tube, close the manhole, and open the water outlet tap, and open the petroleum inlet tap, the petroleum falls on the water in the holder and drives it out from the bottom thereof and from the outlet

from the tank; then close the water outlet and fill up with water, covering the petroleum inlet and outlet pipes. To draw off petroleum open the petroleum outlet tap, when the pressure of the water will cause it to run out through the outlet tap.

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